

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	"96822"	JPO	OR	ON	2007/10/28 19:48
L2	0	"096822"	JPO	OR	ON	2007/10/28 19:48
L3	0	"h09-096822"	JPO	OR	ON	2007/10/28 19:48
L4	2	toshiba and chokai and masaki and yamagata and ichiro	JPO	OR	ON	2007/10/28 19:48
L5	0	LCD and (bonding or bonder or bond) and (ionizer) and "29"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L6	1	LCD and (bonding or bonder or bond) and (ionizer) and "438"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:22
L7	0	"156"/\$.ccls. and (thermoccompression) and (chamber near10 transparent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L8	0	"100"/\$.ccls. and (thermoccompression) and (chamber near10 transparent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L9	0	"156"/\$.ccls. and (thermoccompression) and (chamber near5 window)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L10	0	"100"/\$.ccls. and (bonding or bonder or bond) and (chamber near5 window) and LCD	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L11	0	"100"/\$.ccls. and (bonding or bonder or bond) and (chamber near5 window) and CD	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19

## EAST Search History

L12	1578	(156/580).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/28 20:19
L13	10094	(LCD or CD or dvd or (optical near3 disk)) and (case or shield) and (vacuum near3 chamber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L14	604377	(LCD or CD or dvd or (optical near3 disk)) and (case or shield) and (vacuum near3 chamber) and (bond\$4 or press\$4) and "156"/\$. ccls. andnot plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L15	733	(156/581).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/28 20:19
L16	566	(29/833).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/28 20:19
L17	623	(29/834).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/28 20:19
L18	1394	(load near3 cell) and (bonding or bonder or bond) and (chamber) and (stage or chuck)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L19	3393	LCD and (bonding or bonder or bond) and (groove)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19

## EAST Search History

L20	1	(bonding or bonder or bond) and (wafer same ((loader or loading) near4 (grip or gripping))) and ("156"/\$.ccls. or "29"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:22
L21	1	(bonding or bonder or bond) and (wafer and ((loader or loading) near4 (grip or gripping))) and ("156"/\$.ccls. or "29"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:22
L22	402	LCD and (bonding or bonder or bond) and ((load with cell))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L23	2	LCD same (bonding or bonder or bond) same ((load with cell))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:22
L24	373	(bonding or bonder or bond) with ((load with cell))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L25	0	(bonding or bonder or bond) and (substrate with loader) and finger with (vacuum with nozzle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L26	0	(bonding or bonder or bond) and (loader) and finger with (vacuum with nozzle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L27	0	(substrate with loader) with finger with (vacuum with nozzle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19

## EAST Search History

L28	0	(substrate with loader) same finger same (vacuum with nozzle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L29	201	(loader) same finger same (groove)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L30	0	wafer with finger with slot and (suction with finger)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L31	443	finger with slot and (suction with finger)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L32	1	("6789595").PN.	US-PGPUB; USPAT	OR	OFF	2007/10/28 20:19
L33	1	"100"/\$.ccls. and (bonding or bonder or bond) and (case near10 transparent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L34	1	L12 and (observation near4 window)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L35	1	("20040114095").PN.	US-PGPUB; USPAT	OR	OFF	2007/10/28 20:19
L36	1	(bonding or bonder or bond) with (matrix or TFT or "liquid crystal" or LCD) and (vacuum with transmitter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19

## EAST Search History

L37	1	(bonding or bonder or bond) with (chuck) and (vacuum with transmitter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L38	1	("20020170938").PN.	US-PGPUB; USPAT	OR	OFF	2007/10/28 20:19
L39	1	("6705500").PN.	US-PGPUB; USPAT	OR	OFF	2007/10/28 20:19
L40	1	("6665043").PN.	US-PGPUB; USPAT	OR	OFF	2007/10/28 20:19
L41	1	("20050167036").PN.	US-PGPUB; USPAT	OR	OFF	2007/10/28 20:19
L42	1	("5407519").PN.	US-PGPUB; USPAT	OR	OFF	2007/10/28 20:19
L43	38	((("20010021000") or ("4,094,058") or ("4,691,995") or ("5,875,922") or ("6,304,311") or ("5,247,377") or ("5,511,591") or ("5,642,214") or ("5,742,370") or ("6,011,609") or ("6,016,178") or ("6,055,035") or ("6,163,357") or ("6,226,067") or ("6,304,306") or ("6,414,733") or ("3,978,580") or ("4,653,864") or ("4,775,225") or ("5,263,888") or ("5,379,139") or ("5,406,989") or ("5,499,128") or ("5,507,323") or ("5,539,545") or ("5,548,429") or ("5,680,189") or ("5,757,451") or ("5,852,484") or ("5,854,664") or ("5,861,932") or ("5,952,678") or ("5,956,112") or ("6,001,203") or ("6,016,181") or ("6,219,126") or ("6,236,445") or ("6,337,730"))).PN:	US-PGPUB; USPAT	OR	OFF	2007/10/28 20:19
L44	105	LCD and (bonding or bonder or bond) and (align or aligner or aligning or alignment) and "29"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L45	15	LCD and (bonding or bonder or bond) and (ion near10 gas) and "29"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19

## EAST Search History

L46	52	LCD and (bonding or bonder or bond) and (ionizer) and gas	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L47	79	LCD and (load or loading or loader or unload or unloading or unloader) and (ionizer) and gas	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L48	16	"156"/\$.ccls. and (thermocompression) and (case near10 transparent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L49	44	LCD and (bonding or bonder or bond) and (observation near5 window)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L50	15	"156"/\$.ccls. and (bonding or bonder or bond) and (observation near5 window)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L51	10	"156"/\$.ccls. and (bonding or bonder or bond) and (chamber near5 window) and LCD	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L52	14	"156"/\$.ccls. and (bonding or bonder or bond) and (chamber near5 window) and CD	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L53	76	L12 and (window)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19

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L54	22	LCD and (bonding or bonder or bond) and (ion near10 gas) and "156"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L55	64	(load near3 cell) and (bonding or bonder or bond) and (chamber) and (stage or chuck) and ("156"/\$.ccls. or "29"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L56	37	LCD and (bonding or bonder or bond) and (interval near4 groove)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L57	71	LCD and (bonding or bonder or bond) and ((loader or loading) near4 (arm or finger))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L58	9	(bonding or bonder or bond) and (wafer same ((loader or loading) near4 (arm or finger))) and ("156"/\$.ccls. or "29"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L59	10	(bonding or bonder or bond) and (wafer same ((loader or loading) near4 (grip or gripping)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L60	50	LCD and (bonding or bonder or bond) and (actuator with shaft with (sensing or detecting or detector or sensor))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L61	2	LCD and (bonding or bonder or bond) and (actuator with shaft with (load with cell))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19

## EAST Search History

L62	2	LCD with (bonding or bonder or bond) with ((load with cell))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L63	28	(bonding or bonder or bond) with ((load with cell)) and LCD	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L64	11	(bonding or bonder or bond) with LCD and ((driving or drive) same (shaft or pole) same jack)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L65	31	(bonding or bonder or bond) with (chuck) and (vacuum with nozzle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L66	22	"279"/\$.ccls. and (chuck) and (vacuum with nozzle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L67	10	(bonding or bonder or bond) and (substrate with loader) same (vacuum with nozzle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L68	25	(bonding or bonder or bond) and finger with (vacuum with nozzle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L69	5	(substrate with loader) same finger same (vacuum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19



## EAST Search History

L70	4	(wafer with loader) same finger same (vacuum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L71	59	LCD and (bonding or bonder or bond) and (locking with shaft)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L72	28	(loader) with finger with (groove)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L73	8	(loader) with gripper with (groove)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L74	59	(loader) with finger with slot	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L75	27	wafer with gripper with groove	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L76	44	wafer with gripper and "118"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L77	51	wafer with finger with slot and (groove with finger)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19

## EAST Search History

L78	10	(bond or bonding) with (press) and (gripper or finger) with suction and (groove or slot)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L79	181	LCD and (bonding or bonder or bond) and (align or aligner or aligning or alignment) and "156"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L80	218	LCD and (bonding or bonder or bond) and (chamber near10 transparent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L81	142	"156"/\$.ccls. and (bonding or bonder or bond) and (chamber near10 transparent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L82	145	(LCD or CD or dvd or (optical near3 disk)) and (case or shield) and (vacuum near3 chamber) and (bond\$4 or press\$4) and "156"/\$.ccls. not plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L83	114	LCD and (bonding or bonder or bond) and (groove) and ("156"/\$.ccls. or "29"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L84	167	(bonding or bonder or bond) with ((groove)) and LCD	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L85	155	"156"/\$.ccls. and (bonding or bonder or bond) and ("O-ring" with (groove or shaftor hole))	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19

## EAST Search History

L86	146	wafer with finger with slot	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:28
L87	111	wafer with gripper and "414"/\$.ccls. and (vacuum or suction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L88	257	(156/379).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/28 20:19
L89	232	"156"/\$.ccls. and (bonding or bonder or bond) and (chamber near5 window)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L90	305	(156/381).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/28 20:19
L91	453	"156"/\$.ccls. and (bonding or bonder or bond) and (case near10 transparent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L92	462	(156/358).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/28 20:19
L93	490	(156/351).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/28 20:19

## EAST Search History

L94	574	(LCD or CD or dvd or (optical near3 disk)) and (case or shield) and (vacuum near3 chamber) and (bond\$4 or press\$4) and "156"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L95	599	(LCD or CD or dvd or (optical near3 disk)) and (case or shield) and (vacuum near3 chamber) and "156"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L96	557	(414/941).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/28 20:19
L97	864	(156/378).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/28 20:19
L98	962	(156/382).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/28 20:19
L99	1427	(156/556).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/28 20:19
L100	1578	(156/580).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/28 20:19
L101	5	LCD and (bonding or bonder or bond) and (ionizer) and "156"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19

## EAST Search History

L102	410	(o with ring) with (groove or slot) and (sealing with height)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L103	6	(o with ring) with (groove or slot) and (sealing with height) and "156"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L104	52	(o with ring) with (groove or slot) and (sealing with height) and (bonding or bonder)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L105	6	(o with ring) with (groove or slot) and (interval with control) and "156"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L106	29	(o with ring) with (groove or slot) and (interval with control) and (bonding or bonder)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L107	1	base.clm. and frame.clm. and chamber.clm. and unit.clm. and sealing.clm. and member.clm. and interval.clm. and groove.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 20:19
L108	2	((("20020062787") or ("5952676")). PN.	US-PGPUB; USPAT	OR	OFF	2007/10/28 20:19